Mini Lightsaber

Kit contains:

- 4.25" piece of smoothie straw
- 1" piece of smoothie straw
- electrical tape
- 1 LED light
- 1 CR 1220 battery
- 1 medium circle sticker
- 1 tiny circle sticker
- 1 piece of craft foam

You will need: scissors and a pencil.

CAUTION: DO NOT EAT THE BATTERY!!!

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Lightsabers are fictional energy swords from the Star Wars universe. Your mini lightsaber will light up, but you'll need to provide the sound effects.

INSTRUCTIONS

Step 1. Sandwich the battery between the wires on the LED light. The longer wire goes to the positive (+) battery side and shorter wire goes to the negative (–) side. Tape one wire to the battery. Leave the other wire free so that the resting state is OFF.

Step 2. Use a pencil to push the battery/LED combo up through the bottom of the short straw until the lightbulb sticks out the top.

Step 3. Plug the bottom of the straw with your craft foam.

Step 4. Check that the light turns on when you squeeze the straw—and stays off when you don't. Tape the bottom shut. Your lightsaber handle is ready to go!

Step 5. Line up the lightsaber handle and the straw "blade." Connect with electrical tape. Tape around the rest of the handle so it looks cool.

Step 6. Cover the open end of the straw with the larger sticker. Stick the tiny sticker to the handle as your lightsaber activation button (decorative only).

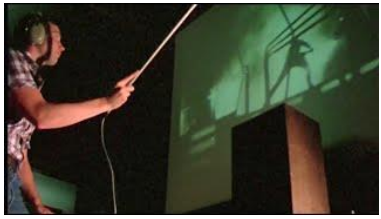
Your lightsaber will look most impressive in a dark room. Wield it responsibly.

May the force be with you.

STAR WARS SOUND EFFECTS

The fantastical world of Star Wars is populated with spaceships, droids (robots), lightsabers, and other technology out of your wildest imagination. In the movies and television shows, it all sounds convincingly real.

How do you create sounds that don't exist in the real world? Ben Burtt, the sound designer for Star Wars, created sound effects by recording and combining real-world noises in innovative ways.



The iconic lightsaber sound, created in the 1970s, blended the hum of an older projector and the buzz from the back of his tv. Burtt then re-recorded this sound with a new microphone, which he swung around (lightsaber style) to create a Doppler effect.

You can watch Ben Burtt explain his process here:
youtube.com/watch?v=b3X4-MjrOfA